SEC	Form	4
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### FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

					2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>EnteroMedics Inc</u> [ ETRM ]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title X below)					
I I I I I I I I I I I I I I I I I I I						3. Date of Earliest Transaction (Month/Day/Year) 12/14/2010							1	below) Former 10% Owner					
(Street) BOSTON	I M	A	02116		4.	lf Am	endm	ent, Date of	Original	Filed	(Month/Day/	/Year)		6. Indi Line) X		ed by One	e Repor	ting Persor	
(City)	(Si	ate)	(Zip)																
1. Title of S	ecurity (Inst		able I - No	2. Trar		ve Securities Acquired, Disposed of, or Beneficia n 2A. Deemed 3. 4. Securities Acquired (A) or			or	r 5. Amount of			nership	7. Nature of					
		-		Date (Month	h/Day/`	Day/Year) 📗		Execution Date, if any (Month/Day/Year)		action (Instr.	Disposed Of (D) (Instr. 3, 4 a		4 and 5)	Securities Beneficially Owned Following Reported		Form: Direct (D) or Indirect (I) (Instr. 4)		Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A (D	) or )	Price	Transaction(s) (Instr. 3 and 4)		<u> </u>		
Common	Stock			12/1	14/20	010		С		704,607	(1)	<sup>(1)</sup> A		1,669,753				See footnote <sup>(3)</sup>	
			Table II -								osed of, convertib				wned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution D if any (Month/Day/	ate,	4. Transa Code ( 8)	5. Number of Derivative		Expirat	6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Numb derivativ Securiti Benefici Owned Followin Reporte	ve es ially ng ed	10. Ownershi Form: Direct (D) or Indirect (I) (Instr. 4	Beneficial Ownership t (Instr. 4)	
					Code	v	(A)	(D)	Date Exercis	sable	Expiration Date	Title	OI N	mount r umber f Shares		Transac (Instr. 4)			
Series A Non-Voting Convertible Preferred Stock	(2)	12/14/2010			С			704,607 <sup>(1)</sup>	(2)	l	(2)	Comn Stoc		04,607	\$0	0		I	See footnote <sup>(4)</sup>
		Reporting Person <sup>*</sup>	ם דם												1			1	
		(First) IANAGEMENT ST., 54TH FLOC		le)															
(Street) BOSTON	1	MA	0211	6															
(City)		(State)	(Zip)																
		Reporting Person <sup>*</sup> TURES III PA	RALLEI	<u>L FUI</u>	<u>ND,</u>														
(Last)	A ASSET N	(First) IANAGEMENT	(Midd	le)															
		ST., 54TH FLOO																	
(Street) BOSTON	1	МА	0211	6															
(City)		(State)	(Zip)																
		Reporting Person <sup>*</sup>	MBH & C	20.															

C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM BIOVENTURES III L.P. (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM BIOVENTURES III GP L.P. (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM BIOVENTURES III LDC (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM BIOVENTURES III LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM BIOVENTURES III LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>1</sup> MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR	(Last)	(First)	(Middle)					
(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person* MPM BIOVENTURES III L.P.(Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person* MPM BIOVENTURES III GP L.P.(Last)(First)(Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Last)(First)(Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person* MPM BIOVENTURES III LLC(Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person* MPM BIOVENTURES III LLC(Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM MASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM MASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(Street) BOSTONMA02116(Street) BOSTONMA02116(Street) BOSTONMA02116 <td>C/O MPM ASSET N</td> <td>MANAGEMENT</td> <td></td>	C/O MPM ASSET N	MANAGEMENT						
BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM BIOVENTURES III L.P.(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMADOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMA02116BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM ASSET MANAGEMENT INVESTORS2002 BVIII LLC(Last)(First)(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT2002 BVIII LLC(Street)BOSTONMABOSTONMA02116(Street)BOSTONMABOSTONMA02116 </td <td>200 CLARENDON</td> <td>ST., 54TH FLOOR</td> <td></td>	200 CLARENDON	ST., 54TH FLOOR						
City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Street)         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III GP L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA       02116         (Street)       BOSTON       MA       02116         (City)       (State)       (Zip)       (Middle)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Street)         BOSTON       MA       02116       (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS       2002 BVIII LLC       (Last) </td <td>(Street)</td> <td></td> <td></td>	(Street)							
1. Name and Address of Reporting Person <sup>®</sup> MPM BIOVENTURES III L.P. (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>®</sup> MPM BIOVENTURES III GP L.P. (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>®</sup> MPM BIOVENTURES III LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>®</sup> MPM BIOVENTURES III LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>®</sup> MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person <sup>®</sup> MPM ASSET MANAGEMENT INVESTORS 2002 BVIII LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (Street) BOSTON MA 02116 (Street) BOSTON MA 02116 (Street) BOSTON MA 02116	BOSTON	MA	02116					
MPM BIOVENTURES III L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         200 CLARENDON ST., 54TH FLOOR       (Zip)         Street)       BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person <sup>*</sup> MPM BIOVENTURES III GP L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA       02116         (Street)       BOSTON       MA       02116         (City)       (State)       (Zip)       1.         1. Name and Address of Reporting Person <sup>*</sup> MPM BIOVENTURES III LLC       (Middle)         (Last)       (First)       (Middle)       C/O MPM ASSET MANAGEMENT         200 CLARENDON ST., 54TH FLOOR       (Zip)       1.       Name and Address of Reporting Person <sup>*</sup> MPM ASSET MANAGEMENT       (Zip)       1.       Name and Address of Reporting Person <sup>*</sup> MPM ASSET MANAGEMENT       (Zip)       1.       Name and Address of Reporting Person <sup>*</sup> MPM ASSET MANAGEMENT       (Zip)       1.       Name and Address of Reporting Person <sup>*</sup>	(City)	(State)	(Zip)					
C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* MPM BIOVENTURES III GP L.P. (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* MPM BIOVENTURES III LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* MPM BIOVENTURES III LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* MPM ASSET MANAGEMENT INVESTORS 2002 BVIII LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (Street) BOSTON MA 02116								
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200 CLARENDON ST., 54TH FLOOR         (Street) BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III GP L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Middle)         (Street)       BOSTON       MA       02116         (Street)       BOSTON       MA       02116         (City)       (State)       (Zip)       (Xiddle)         (Last)       (First)       (Middle)       (Xiddle)         (CO MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Middle)         (Last)       (First)       (Middle)       (Xidp)         (Street)       BOSTON       MA       02116         (Street)       BOSTON       MA       02116         (Street)       BOSTON       MA       02116         (Last)       (First)       (Middle)       (Xidp)         (Last)       (First)       (Middle)       (Xidp)         (Last)       (First)       (Middle)       (Xidp)         (Last)       (First)       (Middle)       (Xidp)         (Last)       (F		. ,	(Midule)					
BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM BIOVENTURES III GP L.P.(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM BIOVENTURES III LLC(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMA02116BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM ASSET MANAGEMENT INVESTORS2002 BVIII LLC(First)(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMA02116BOSTONMA02116								
City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III GP L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Street)         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (Middle)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)	(Street)							
1. Name and Address of Reporting Person*       MPM BIOVENTURES III GP L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Street)         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (Last)       (First)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116	BOSTON	MA	02116					
MPM BIOVENTURES III GP L.P.         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         200 CLARENDON ST., 54TH FLOOR       (Street)         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM O2116         (Street)       BOSTON       MA         02116       (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS       2002 BVIII LLC         (Last)       (First)       (Middle)       C/O MPM ASSET MANAGEMENT         200 CLARENDON ST., 54TH FLOOR       (Middle)       C/O MPM ASSET MANAGEMENT         200 CLARENDON ST., 54TH FLOOR       (Street)       MA       02116	(City)	(State)	(Zip)					
(Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         200 CLARENDON ST., 54TH FLOOR       (Street)         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM         MPM SSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (Middle)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         Street)       BOSTON       MA       02116	1. Name and Address of	Reporting Person*						
C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* <u>MPM BIOVENTURES III LLC</u> (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* <u>MPM ASSET MANAGEMENT INVESTORS</u> 2002 BVIII LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT INVESTORS 2002 BVIII LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR	MPM BIOVEN	<u>FURES III GP L.</u>	<u>P.</u>					
200 CLARENDON ST., 54TH FLOOR(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person* MPM BIOVENTURES III LLC(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Middle)(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM ASSET MANAGEMENT Z002 BVIII LLC(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT 2002 BVIII LLC(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Middle)(Street) BOSTONMA02116	(Last)	(First)	(Middle)					
(Street) BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person* MPM BIOVENTURES III LLC(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Street) BOSTON02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM ASSET MANAGEMENT INVESTORS 2002 BVIII LLC(Last)(First)(Middle)(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT 2002 BVIII LLC(Middle)(Street) BOSTONMA02116(Street) BOSTONMA02116	C/O MPM ASSET I	MANAGEMENT						
BOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM BIOVENTURES III LLC(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT200 CLARENDON ST., 54TH FLOOR(Street)BOSTONMABOSTONMA02116(City)(State)(Zip)1. Name and Address of Reporting Person*MPM ASSET MANAGEMENT INVESTORS 2002 BVIII LLC(Last)(First)(Middle)C/O MPM ASSET MANAGEMENT 2002 BVIII LLC(Middle)C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR(Middle)(Street)BOSTONMABOSTONMA02116	200 CLARENDON	ST., 54TH FLOOR						
1. Name and Address of Reporting Person*       MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (Last)       (First)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         BOSTON       MA       02116		MA	02116					
MPM BIOVENTURES III LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         Street)       BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (First)       (Middle)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         02116       (Street)       MA         MPM ASSET MANAGEMENT       C/O MPM ASSET MANAGEMENT         CO STON       MA       02116	(City)	(State)	(Zip)					
(Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (First)       (Middle)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         02116       MA	1. Name and Address of	Reporting Person*						
C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116 (City) (State) (Zip) 1. Name and Address of Reporting Person* MPM ASSET MANAGEMENT INVESTORS 2002 BVIII LLC (Last) (First) (Middle) C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR	MPM BIOVEN	TURES III LLC						
200 CLARENDON ST., 54TH FLOOR         (Street)         BOSTON       MA         02116         (City)       (State)         1. Name and Address of Reporting Person*         MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC         (Last)       (First)         (Middle)         C/O MPM ASSET MANAGEMENT         200 CLARENDON ST., 54TH FLOOR         (Street)         BOSTON       MA         02116	(Last)	(First)	(Middle)					
(Street)       BOSTON       MA       02116         (City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (First)       (Middle)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         02116       02116	C/O MPM ASSET I	MANAGEMENT						
BOSTON     MA     02116       (City)     (State)     (Zip)       1. Name and Address of Reporting Person*     MPM ASSET MANAGEMENT INVESTORS       2002 BVIII LLC     (First)     (Middle)       (Last)     (First)     (Middle)       C/O MPM ASSET MANAGEMENT     200 CLARENDON ST., 54TH FLOOR       (Street)     BOSTON     MA       02116     02116	200 CLARENDON	ST., 54TH FLOOR						
(City)       (State)       (Zip)         1. Name and Address of Reporting Person*       MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC       (Last)       (First)         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR         (Street)       BOSTON       MA         02116       02116	(Street)							
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MPM ASSET MANAGEMENT INVESTORS         2002 BVIII LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT         200 CLARENDON ST., 54TH FLOOR         (Street)         BOSTON       MA       02116	(City)	(State)	(Zip)					
2002 BVIII LLC         (Last)       (First)       (Middle)         C/O MPM ASSET MANAGEMENT       200 CLARENDON ST., 54TH FLOOR       (Middle)         (Street)       BOSTON       MA       02116								
C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116								
200 CLARENDON ST., 54TH FLOOR (Street) BOSTON MA 02116	(Last)	(First)	(Middle)					
(Street) BOSTON MA 02116	C/O MPM ASSET N	MANAGEMENT						
BOSTON MA 02116	200 CLARENDON ST., 54TH FLOOR							
	(Street)							
(City) (State) (Zip)		MA	02116					
	(City)	(State)	(Zip)					

### Explanation of Responses:

1. The shares were converted as follows: 586,338 by MPM BioVentures III QP, L.P. ("BV III QP"), 39,423 by MPM BioVentures III, L.P. ("BV III"), 11,584 by MPM Asset Management Investors 2002 BVIII LLC ("AM 2002"), 17,714 by MPM BioVentures III Parallel Fund, L.P. ("BV Parallel") and 49,548 by MPM BioVentures III GmbH & Co. Beteiligungs KG ("BV KG"). MPM BioVentures III GP, L.P. ("MPM III GP") and MPM BioVentures III LLC ("MPM III LLC") are the direct and indirect general partners of BV III QP, BV III, BV Parallel and BV KG. Luke Evnin, Ansbert Gadicke, Nicholas Galakatos, Dennis Henner, Nicholas Simon III, Michael Steinmetz and Kurt Wheeler are the Series A members of MPM III LLC and the managers of AM 2002. Each Reporting Person disclaims beneficial ownership of the securities except to the extent of his or its respective pecuniary interest therein. Mr. Evnin is a director of the Issuer and files Section 16 reports separately.

2. The Series A Non-Voting Convertible Preferred Stock converted into the Issuer's Corporation common stock on a 1-for-1 basis and had no expiration date.

3. The shares are held as follows: 1,389,482 by BV III QP, 93,424 by BV III, 27,452 by AM 2002, 41,978 by BV Parallel and 117,417 by BV KG. Each Reporting Person disclaims beneficial ownership of the securities except to the extent of his or its respective pecuniary interest therein.

4. No securities owned.

#### Remarks:

See Form 4 for Ansbert Gadicke for additional members of this joint filing.

/s/ Luke Evnin, Series A Member of MPM BioVentures III LLC, the general partner of MPM BioVentures III GP, LP, <u>12/15/2010</u>

<u>the general partner of MPM</u> BioVentures III <u>QP, LP</u>	
<u>/s/ Luke Evnin, Series A</u> <u>Member of MPM BioVentures</u> <u>III LLC, the general partner of</u> <u>MPM BioVentures III GP, LP,</u> <u>the general partner of MPM</u> <u>BioVentures III Parallel Fund,</u> LP	<u>12/15/2010</u>
/s/ Luke Evnin, Series A Member of MPM BioVentures III LLC, the general partner of MPM BioVentures III GP, LP, in its capacity as the Managing Limited Partner of MPM BioVentures III GmbH & Co. Beteiligungs KG	<u>12/15/2010</u>
/s/ Luke Evnin, Series A Member of MPM BioVentures III LLC, the general partner of MPM BioVentures III GP, LP, the general partner of MPM BioVentures III, LP	<u>12/15/2010</u>
<u>/s/ Luke Evnin, Series A</u> <u>Member of MPM BioVentures</u> <u>III LLC, the general partner of</u> <u>MPM BioVentures III GP, LP</u>	<u>12/15/2010</u>
<u>/s/ Luke Evnin, Series A</u> <u>Member of MPM BioVentures</u> <u>III LLC</u>	<u>12/15/2010</u>
<u>/s/ Luke Evnin, manager of</u> <u>MPM Asset Management</u> <u>Investors 2002 BV111 LLC</u>	<u>12/15/2010</u>
** Signature of Reporting Person	Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.